

### ABSTRACT OF THE DISCLOSURE

A method for operating a cooling and heating circuit of a motor vehicle driven by an internal combustion engine, the method has the steps providing a first cooling medium path through a bypass conduit, providing a second cooling medium path through a main cooler of the internal combustion engine, providing a third cooling medium through a heating heat exchanger, providing a fourth cooling medium path through a heat accumulator, subdividing cooling medium flows through the paths by an electrically operated valves, providing the cooling medium flows by at least one pump, controlling the valves by a control unit in dependence on operational and environmental parameters as well as nominal values, arranging a third control valve which is controlled by the control unit in the fourth cooling medium path and closing the third control valve completely or partially when a reference temperature of a remaining cooling and heating circuit exceeds a nominal value provided in the control unit, and opening the third control valve when the reference temperature is below the nominal value.